

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	@ad<="20040326" and ("ZrB.sub.2" or "TiB.sub.2") with substrate and (buffer same "AIN" or "GaN") same angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:43
S1	2	"20050006635"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:33
S2	6	(("5122845") or ("4855249") or ("6566218")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:39
S3	3	"2002043223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:34
S6	40	@ad<="20040326" and ("ZrB.sub.2" or "TiB.sub.2") with 'substrate' and 'buffer' same ('AIN' or 'GaN') and 'electrodes'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:41
S7	48	@ad<="20040326" and ("ZrB.sub.2" or "TiB.sub.2") with 'substrate' and 'buffer' same ('AIN' or 'GaN')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 14:06
S8	4654	@ad<="20040326" and (257/103).ccls. or (257/13-14).ccls. or (257/22).ccls. or (257/79).ccls. or (257/103).ccls. (117/97).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:47
S9	154	@ad<="20040326" and (257/11).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:50
S12	31	@ad<="20030326" and ("ZrB.sub.2" or "TiB.sub.2") with 'substrate' and 'buffer' same ('AIN' or 'GaN')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:55
S13	0	@ad<="20030326" and 'buffer' same "AIN.sub.x.GaN.sub.1-x."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:56

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S14	0	@ad<="20030326" and 'buffer' same "AlN.sub.xGaN.sub.1-x"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:57
S15	0	@ad<="20030326" and 'buffer' same "AlN.sub.yGaN.sub.1-y"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:57
S16	0	@ad<="20030326" and 'buffer' same "AlN.sub.y.GaN.sub.1-y"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:57
S17	0	@ad<="20030326" and 'buffer' same 'AlN' adj1 'x' adj1 'GaN' "adj1.'1-x'"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:58
S18	1	@ad<="20030326" and 'AlN' adj1 'x' adj1 'GaN' "adj1.'1-x'"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 15:59
S19	0	@ad<="20030326" and 'AlN' adj1 'y' adj1 'GaN' "adj1.'1-y'"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 07:52
S21	153	@ad<="20030326" and 'mismatch' same 'AlN' with 'GaN'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:30
S23	121	@ad<="20030326" and 'lattice mismatch' same 'AlN' with 'GaN'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 07:56
S24	3	@ad<="20030326" and 'lattice mismatch' same 'AlN' with 'GaN' and "ZrB.sub.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:04
S25	2	@ad<="20030326" and 'lattice mismatch' same 'AlN' with 'GaN' and "TiB.sub.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:04
S26	2	@ad<="20030326" and 'lattice mismatch' same 'AlN' near 'GaN' and "TiB.sub.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:04

## EAST Search History

S27	81	@ad<="20030326" and 'Al' near1 'N' near1 'Ga'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:56
S28	0	@ad<="20030326" and 'Al' near1 'N' near1 'Ga' near 'buffer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:31
S29	5	@ad<="20030326" and 'Al' near1 'N' near1 'Ga' same 'buffer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:33
S30	15	@ad<="20030326" and "Al.sub.x" near1 'N' near1 "Ga.sub.y"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:53
S31	0	@ad<="20030326" and 'Al' near1 'N' near1 'Ga' and "'ZrO.sub.2'"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/21 08:56
S32	0	@ad<="20040326" and ("ZrB.sub. 2" or "TiB.sub.2") with 'deposition' same 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:14
S33	2	@ad<="20040326" and ("ZrB.sub. 2" or "TiB.sub.2" or "HfB.sub.2" or "NbB.sub.2") same 'deposition' same 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:19
S34	1	@ad<="20040326" and 'diboride' same 'normal line'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:02
S35	30	@ad<="20040326" and 'diboride' same 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:31
S36	2	@ad<="20040326" and 'diboride' and 'deviation angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:35
S37	3	@ad<="20040326" and 'diboride' and 'deviation' with 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:33

## EAST Search History

S38	289	@ad<="20040326" and (257/E21.119).ccls. or (257/E21.136).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:36
S39	857	@ad<="20040326" and 'substrate' same 'normal line' same 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:42
S40	647	@ad<="20040326" and 'substrate' same 'normal line' with 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:50
S41	0	@ad<="20040326" and 'substrate' same 'boride' same 'normal line' with 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:43
S42	1	@ad<="20040326" and 'substrate' same 'normal line' same 'angle' same "0.55"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:50
S43	4	@ad<="20040326" and 'normal line' same 'angle' same "0.55"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:51
S44	1	('diboride' and 'normal line' and 'angle').clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 08:54
S45	31	('diboride' and 'angle').clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:49
S47	1	@ad<="20040326" and 'diboride' same 'normal line' with 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:03
S48	1	@ad<="20040326" and 'diboride' and 'normal line' with 'angle'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:03
S49	269	@ad<="20040326" and (257/189).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:47

## EAST Search History

S50	502	@ad<="20040326" and (257/190).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:48
S51	957	@ad<="20040326" and (257/200).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:54
S52	287	@ad<="20040326" and (257/183).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:48
S53	373	@ad<="20040326" and (257/201).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:54
S54	2	"ep 1213767"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:54
S55	2	"ep 1176231"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:55
S56	2	"ep 1263031"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:33
S57	2	"ep 1276140"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:56
S60	8	(("6583468") or ("6566218") or ("6830948") or ("6709513")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/24 14:35
S61	31	"isamu akasaki"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:48

## EAST Search History

S63	32	('diboride' and 'angle').clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:54
S64	32	("diboride" and "angle").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:51
S65	322	Akasaki-Isamu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:51
S66	9	Akasaki-Isamu.in. and diboride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:51
S67	0	"diboride" same buffer same angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:54
S68	4	"diboride" and buffer same angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:02
S70	28	"AIN" same buffer same angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:05
S71	69	"substrate surface" same buffer same angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:07
S72	27	"BAUER MARKUS"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:07